



Optical Assembly Pathfinder

Status

September 19, 2002



Road Map Snapshot



Optical Assembly Pathfinder #1



OA Pathfinder #2



Prototype Pathfinder

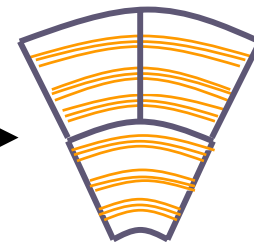


Currently

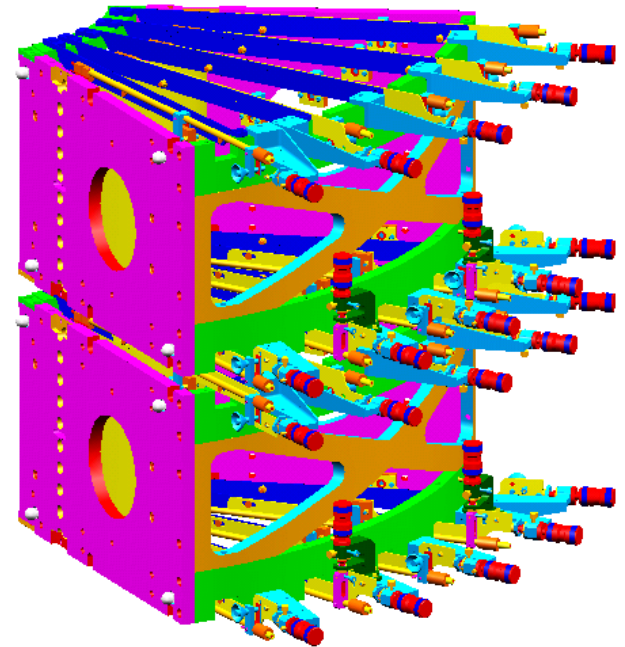
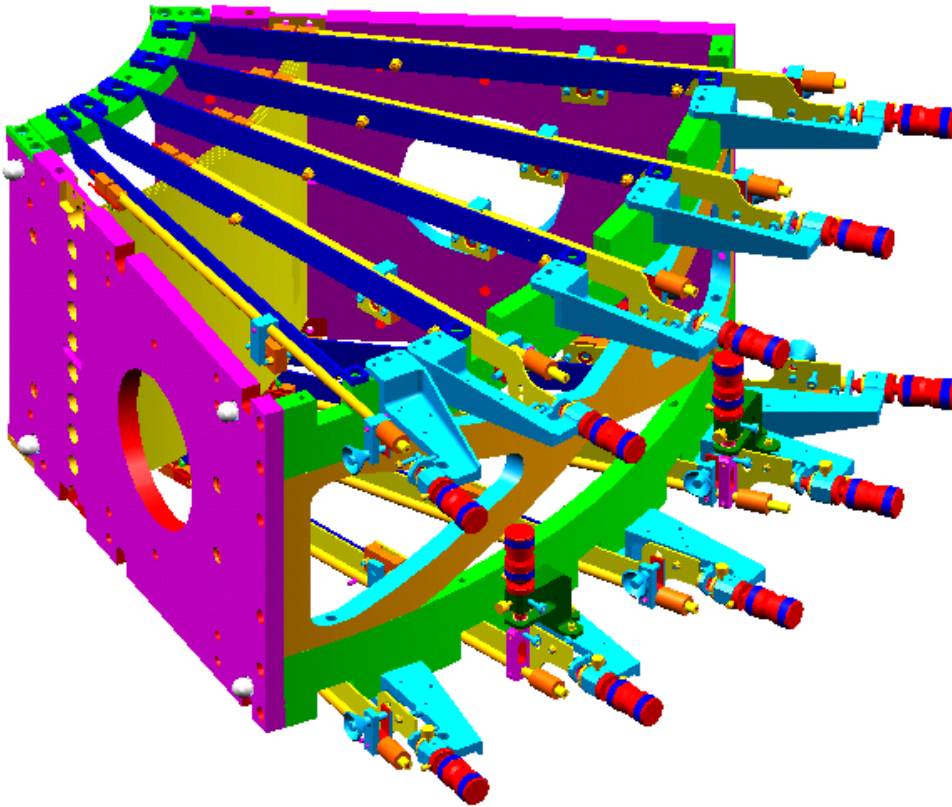
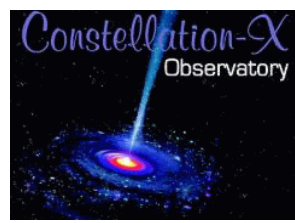
Prototype Development

Next Step

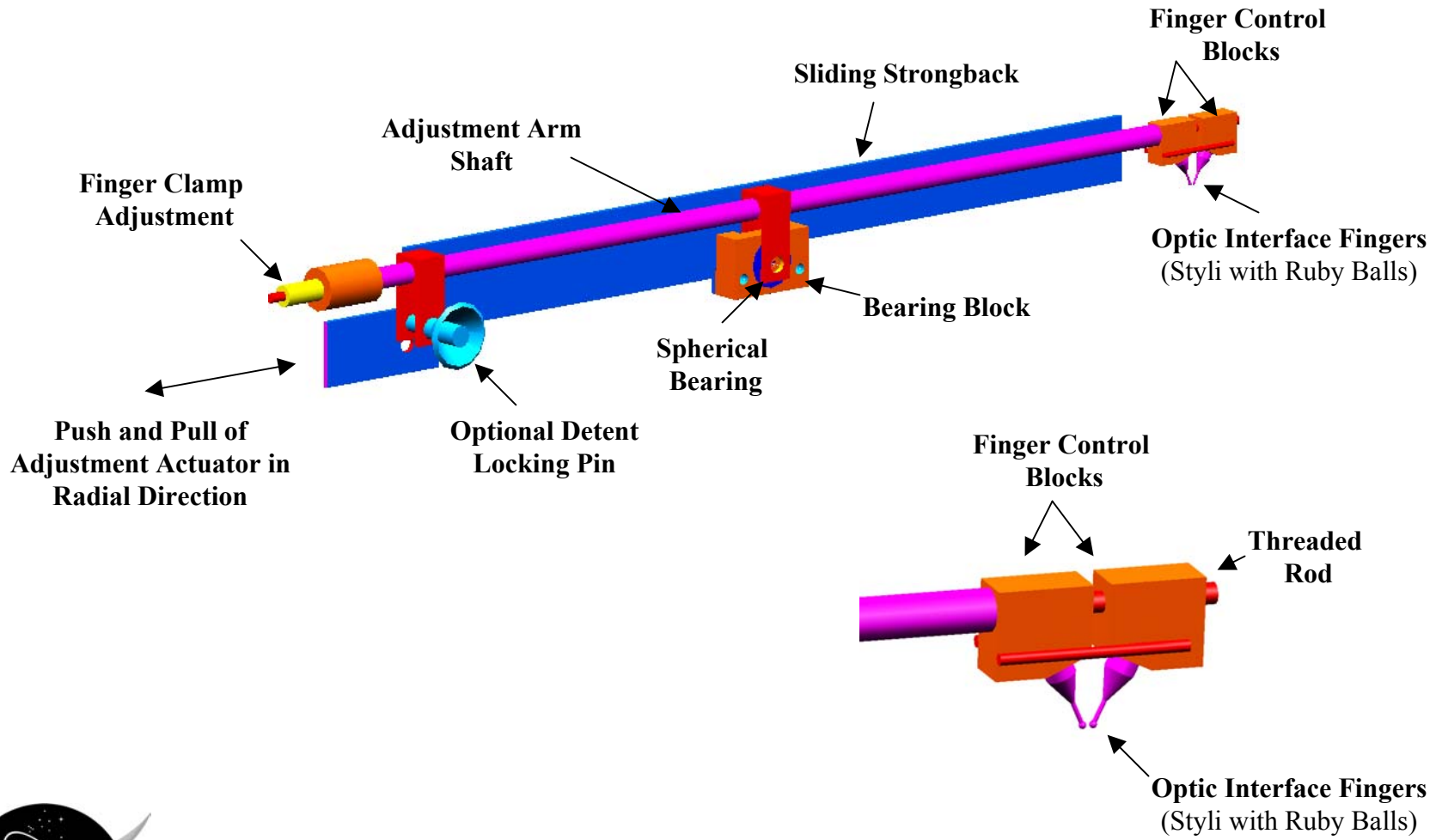
Prototype



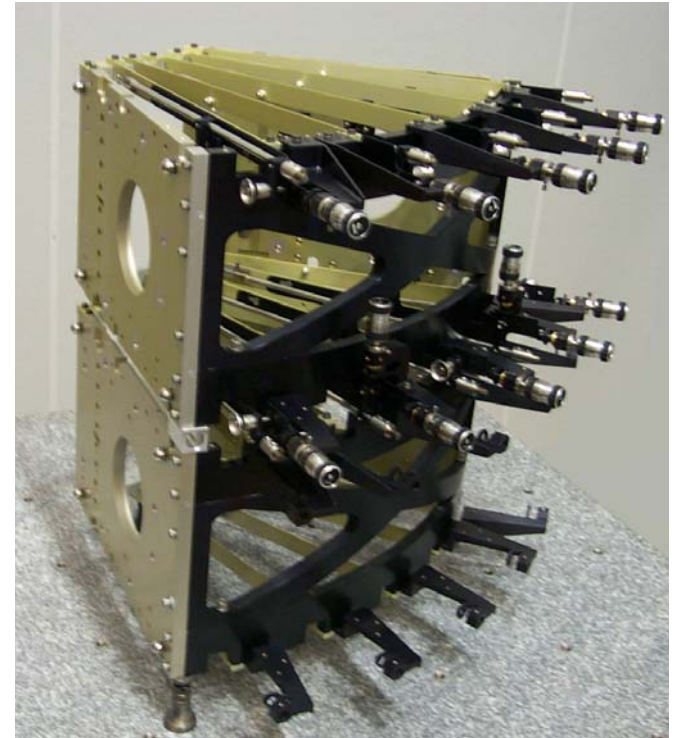
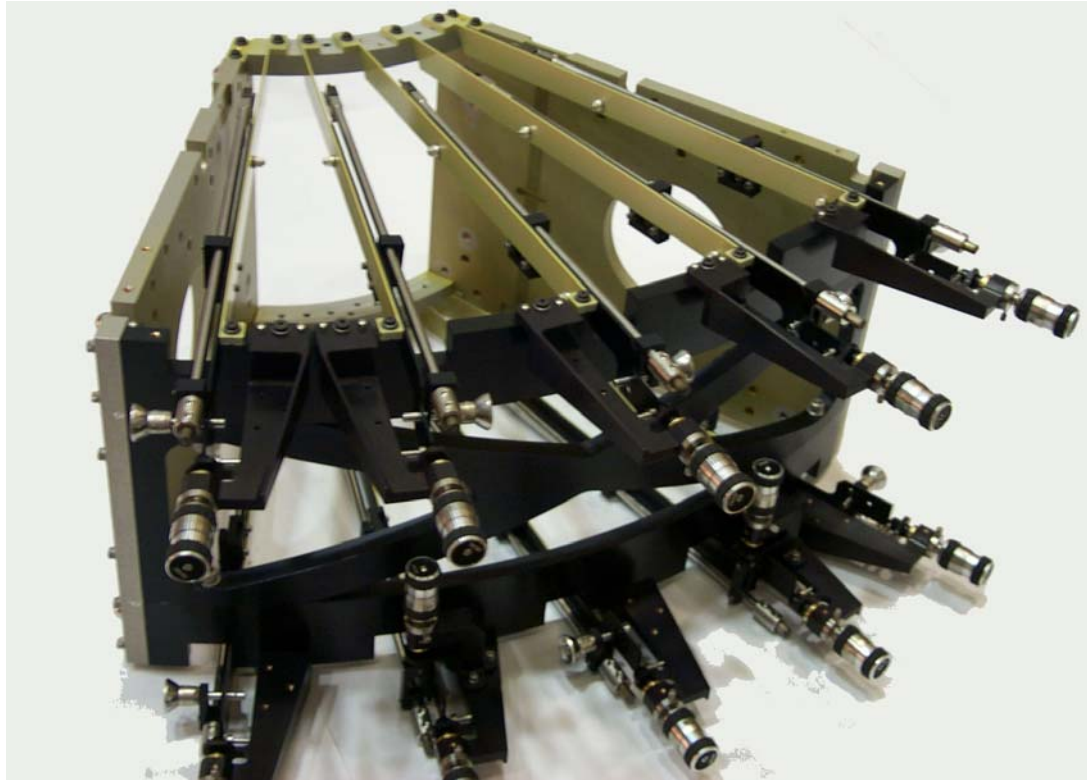
OAP #1 Design



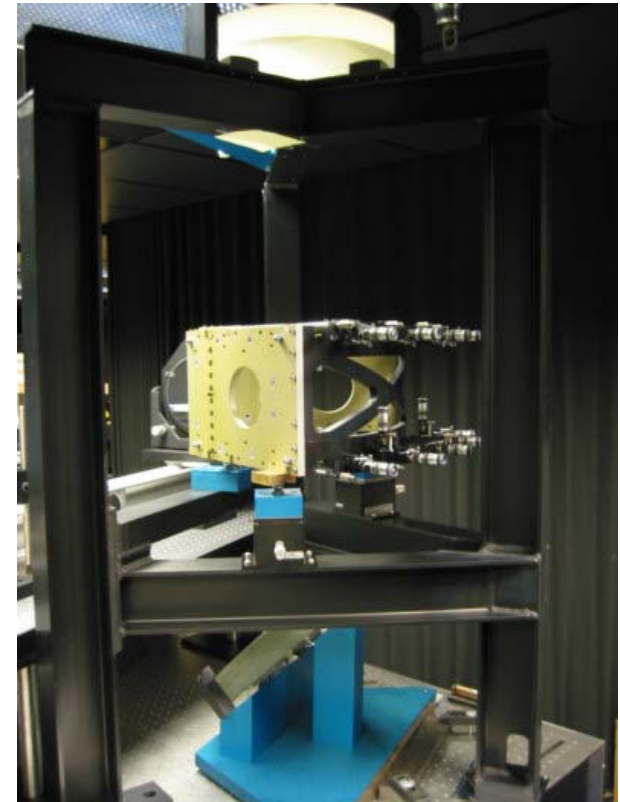
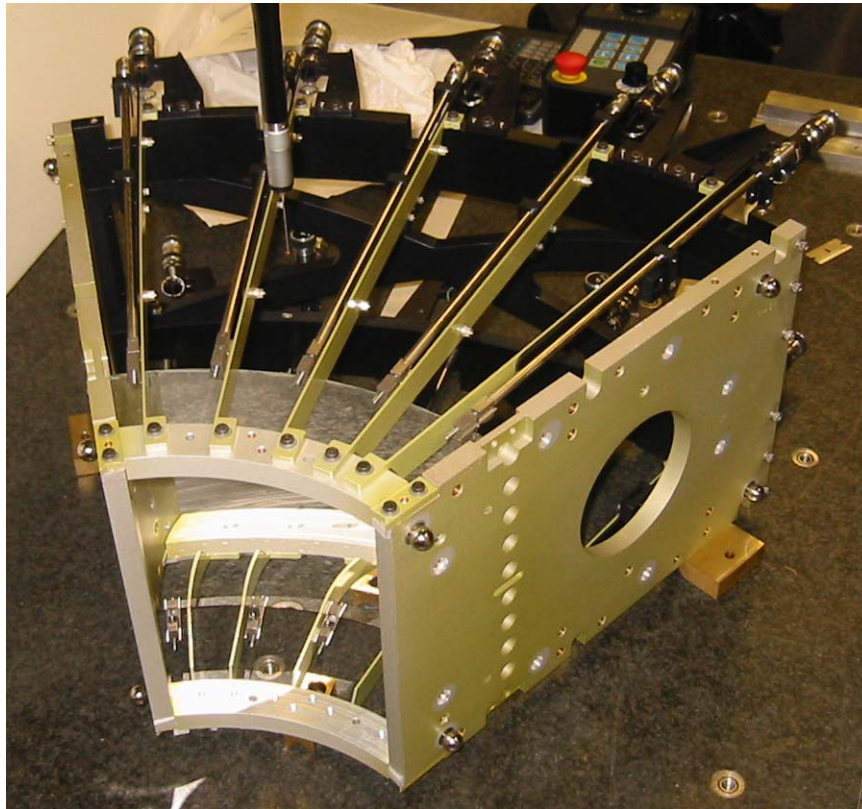
OAP #1 Design



Current Status



Current Status



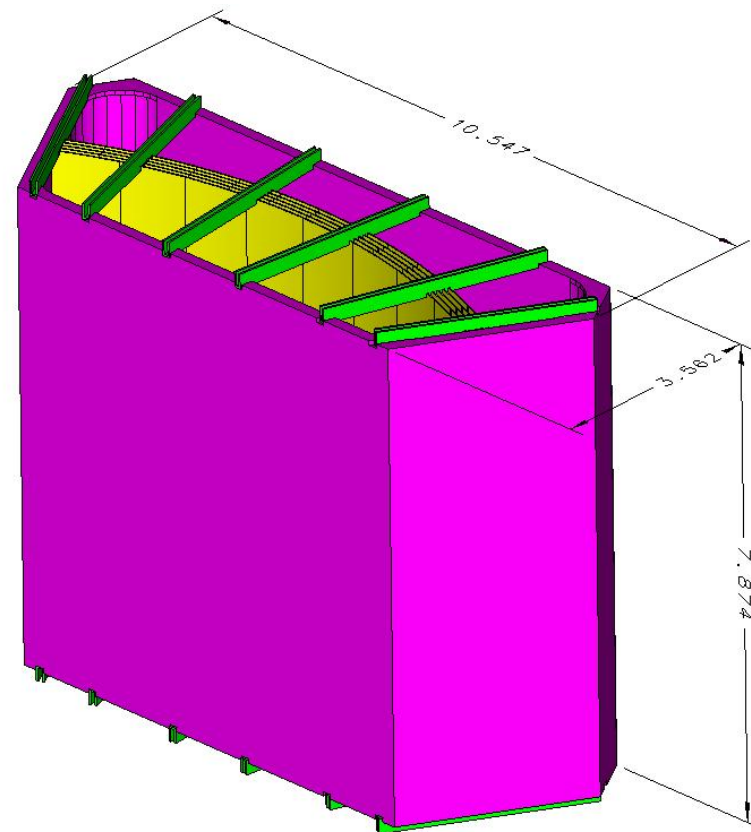


- **Next Step – OAP #2**

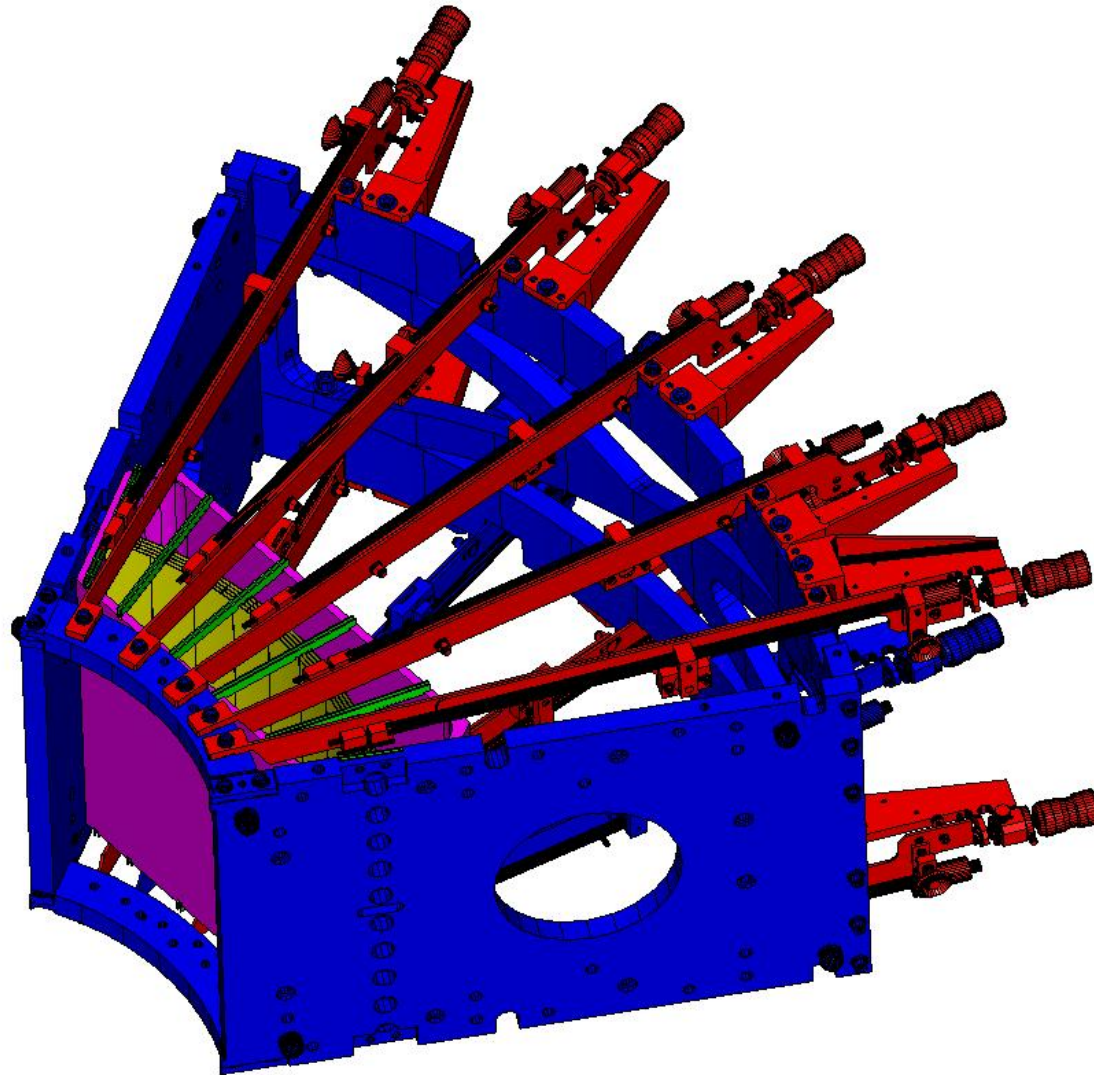
Purpose: to be the SXT
X-Ray Test Pathfinder.

Features:

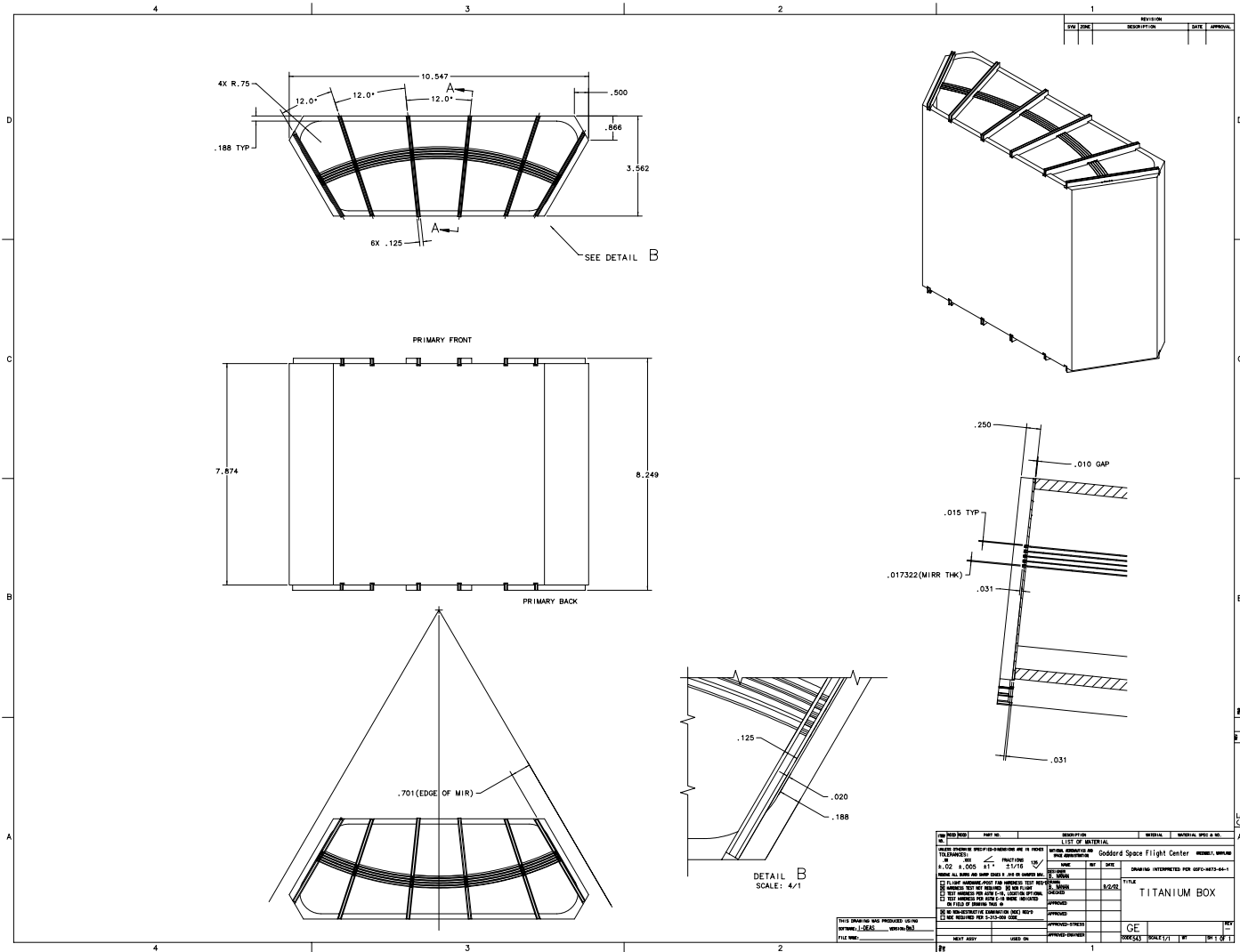
- Mounts within OAP #1.
- Smaller, faster to fabricate.
- Titanium Housing to more closely match CTE of D-263 glass. (8.1 ppm/C and 7.2 ppm/C respectively).



Future



Future



Future



- Struts shaped in C channel configuration to facilitate mirror bonding and enhance structural rigidity.

